

LONGITUDE

10655 ⁵⁰/₃
D E L I N E A T E D;

OR, THE

EXACT DIFFERENCE

OF

T I M E

Between all the Chief Towns and Cities
throughout his MAJESTY'S BRITISH Dominions,
to the Sixtieth Part of a Minute from LONDON.

A WORK never before attempted in that
peculiar Manner as it is now Stated, from the exact-
est Rules in Geography.

By *JOHN NEALE*, Watchmaker.

(Patented - see No. 605.)
The SECOND EDITION.

L O N D O N :

Printed by J. for the AUTHOR, and Sold by
him at his House, in *Leaden-hall Street*,

M DCC XLIV.

(Price Sixpence.)

COLLIERIES

DEPARTMENT

EXACT REPRODUCTION

THE

Between the United States and Great Britain
in the year 1870

A WORKING MODEL OF A MACHINE FOR THE PURPOSE OF
THE UNITED STATES PATENT OFFICE

THE UNITED STATES PATENT OFFICE
WASHINGTON



(First Edition)



The INTRODUCTION.



AD the ~~first~~ Impression of this Work passed into the World without Objections made by some; and Difficulties raised by other Readers with Relation to some Particulars, I should have had no Reason to make any Alteration in my Introduction to the present; not that any such Objections were made; or Difficulties proposed by ingenious Persons, who have a tolerable Share of Knowledge of the Terraqueous Globe, but principally by those, who have either read or heard so much of Geography only, as enables them to know that there are 60 Miles in a Degree. By such it is objected, that, notwithstanding the Turnings and Windings, joined to the Up-hill and Down-hill of most, if not all Roads, more or less, yet the Computation, allowing 60 Miles to a Degree, prodigiously exceeds even the regular-measured Distances of those Places which lie due East or West: Where, as they say, if the Work were true, as there are no such Disadvantages as aforesaid in the Heavens, instead of exceeding, it would be exceeded by the Measure on the Earth. To this I answer, that were the Principles, upon which this Objection is founded, in all Points true, I would readily grant the Conclusion they draw from it to be so likewise. That it is true in Part is manifest, but in no Degree answerable to their Consequences; that there are 60 Miles in a Degree, I might have added $69\frac{1}{4}$ nearly, has been proved by Experiment, long since, but that it answers to one Climate only; nay, even to that, no further than what is contained within the direct perpendicular Space to the Equator, is self-evident to every Observer, from the Impossibility of any one Circle on the Globe, in the second Climate, to be equal in Circumference with those in the first. From whence every common Capacity may, with the least Reflection, be convinced, that as every Circle differs in Proportion to the Distance it bears from the Equator, so must

every Division in each Circle differ in Length from an equal Number of Divisions in the Equinoctial Line. If then this Line be divided into 360 Divisions, and each of these Divisions contain 60 Miles, is it possible, that a Circle parallel to this, but above 50 Degrees from it, when divided into 360 Parts, should have the Divisions of the same Length of the former? This every one perceives, at first View, to be altogether impossible; which effectually serves to answer the Objection before us. And to prevent, for the future, all those seeming Difficulties which are so often objected, I shall here subjoin a Table, which being calculated according to 60 Miles in a Degree under the Line, points out the exact Difference of each Degree of Longitude at the Distance of one Degree of Latitude from another; where it will be observed to every Degree of Latitude is set down the exact Number of Miles, and the 60th Part of a Mile that every Degree of Longitude contains in all those several Distances.

Lat.	m.	f.	Sec.	m.	f.	Sec.	m.	f.	Sec.	m.	f.	Sec.	m.	f.	Sec.	m.	f.	Sec.
0	60	00	15	58	10	30	51	56	45	42	24	60	30	00	75	15	32	
1	59	56	16	57	40	31	51	24	46	41	40	61	29	04	76	14	32	
2	59	54	17	57	20	32	50	52	47	41	00	62	28	08	77	13	32	
3	59	52	18	57	00	33	50	20	48	40	08	63	27	12	78	12	32	
4	59	50	19	56	44	34	49	44	49	39	20	64	26	16	79	11	28	
5	59	46	20	56	24	35	49	08	50	38	32	65	25	20	80	10	24	
6	59	40	21	56	00	36	48	32	51	37	44	66	24	24	81	9	20	
7	59	37	22	55	26	37	47	56	52	37	00	67	23	28	82	8	20	
8	59	24	23	55	12	38	47	16	53	36	08	68	22	32	83	7	20	
9	59	10	24	54	48	39	46	36	54	35	26	69	21	32	84	6	12	
10	59	00	25	54	24	40	46	00	55	34	24	70	20	32	85	5	12	
11	58	52	26	54	00	41	45	16	56	33	32	71	19	32	86	4	12	
12	58	40	27	53	28	42	44	36	57	32	40	72	18	32	87	3	12	
13	58	28	28	53	00	43	43	52	5	31	48	73	17	32	88	2	04	
14	58	12	29	52	28	44	43	08	59	31	00	74	16	32	89	1	04	

From this Table it appears, that instead of reckoning 60 Miles in a Degree here in *England*, we must reckon barely 38; from whence it appears, how little Reason there was for the Objections above, and how easily the Difficulties are removed, when a little Consideration takes Place. It

now

now remains, that I add something concerning the Geographical Watches, mentioned in the Introduction of the former Edition, the Design of which was to make each of them answer as a Representative of the Globe, every Country mentioned on the Dial, being adapted thereon, as near as possible, according to their several Bearings from one another; by which the Difference of Longitude between all those Countries and our own, are known by one single Hand, pointing out the exact Time of the Day or Night in all those Places. Since there are some who have raised a Difficulty with Regard to what they think implies a Contradiction between the Book and the Watches, because the Eastern Countries in the former, are before us in Time; whereas, in the latter, they are marked with an *A*, to denote they must be after us in reckoning. To which I answer, that tho' there may be some Appearance of Difficulty, yet is it very far from being a sufficient Argument against either of them; nor will the Difficulty subsist longer than while a little Reflection takes Place. For instance, it is just now, by the Watch, 10 Minutes after 10 o'Clock in *London*, at *Barbados*, 'tis 10 Minutes after 6; *Barbados* I find on the Watch, among the Western Countries marked with a *B*. to denote that theirs is the 6 before our 10, which it being now Night with us, is 6 in the Evening, whereas if it were marked with an *A*. to denote 6 after our 10, it would then mean 6 in the Morn. of the Day ensuing. The same also may be said with regard to the Eastern Countries, as among them at *Persia*, I find it now 10 Minutes after 2 o'Clock, with an *A*. denoting 'tis the 2 after our 10, which is 2 in the Morning. Now if *Persia* were in the Book, it being to the East, it would be marked before *London*, as *Barbados* would be after *London*, which, in fact, would be right; at the same Time the other, notwithstanding its seeming Contradiction, is equally so too, as will appear from this Consideration; at *Persia* 'tis 2 in the Morning, when in *London* 'tis 10 at Night. 'Tis from thence self-evident, that it was 10 with them, speaking after the Manner of our Reckoning in *England* four Hours before it was 10 with us; or, in other Words, the Earth will require 4 Hours in the Course of its Revolution.

lution, before it brings us to the Sun's Meridian at the Time the Place aforesaid is directly at it, which justifies the Book. And every Figure in our 12 Hours being twice repeated in one entire natural Day, whatever Figure goes before, as 12 before 10, &c. there being two Twelves, 'tis absolutely necessary to say after, viz. the 12 after our 10, which equally serves to justify the Watch. I have one Thing more to add concerning these Watches, for the Information of those Gentlemen who are, or may be desirous of having such a Piece of Curiosity in their Pockets; but, at the same Time, unwilling to part with one they may have a Value for. That the Contrivance of that additional Work which turns it into a Geographical Watch, is of such a Nature, that it may be put to a Watch that has been made 20 Years, equally as well as one originally designed for it. Thus have I endeavoured to answer the Objections, and remove the Difficulties that have been raised, either thro' Prejudice, or Inconsideration, at least so many of them as have come to my Knowledge. Till more appear, I have only to add what every Reader will easily observe, that the following Work, so far as relates to *England* and *Wales* is divided into six Columns, the first is the Names of the Towns, the second, the County in which they are, the third, the Latitude of each Town, the fourth, the Longitude, the fifth, the Difference of Time from *London*, the sixth, whether the Difference be before or after *London*. The latter Part, which relates to *Scotland* and *Ireland*, is in all Points the same, excepting the Names of the Counties; because in neither of them is there any considerable Number of Towns of the same Name exactly, as is frequent in *England*, which makes the Addition of the Counties necessary in one, which would be deemed superfluous in the other, and is therefore omitted by him who desires to approve himself a Friend to the Publick,

J. N.

ERRATA. For *Bampton* Long. 3. 32. r. 3. 39. *Bath*. Long. 2. 10. -- 8. 40. r. 2. 25. 9. 40. *Chichester* Lat. 50. r. 52. *Drums*, dit. 57. r. 51. *Ecdeshall* Long. 2. 51. r. 2. 15. *Landgodack* Lat. 81. r. 51. *Mackyleth*, dit. 12. r. 52. *Newtown*, dit. 10. r. 52. *Rothwel*, dit. 52. r. 55. *Rugby*, dit. 12. r. 52. *Teibury*, dit. 50. r. 51. *Topsam*, dit. 50. r. 53. *Brockstorough*, dit. 14. r. 54. To *Wes'm' n'fer*, r. after; and to *Wesram*, be, ore.



LONGITUDE

DELINEATED, &c.



ENGLAND and WALES.

	County	Latit.	Longit.	min.	sec.	London
A Bhoisbury	Dorset.	50	38	2	48	11 12 After
Abberforth	Yorkshire	53	50	0	10	4 40 Ditto
Aberfraw	Anglesea	53	15	4	38	18 32 Ditto
Abergavenny	Monmouth.	51	50	3	5	12 20 Ditto
Aberistwith	Cardigan.	52	26	4	10	16 40 Ditto
Abington	Berkshire	51	38	1	15	5 0 Ditto
St. Albans	Hartford.	51	43	0	20	1 20 Ditto
Aldborough	Suffolk	52	15	1	40	6 40 Before
Alebury	Buckingham.	51	47	0	50	3 20 After
Aldborough	Yorkshire	54	7	1	10	4 40 Ditto
Aleham	Norfolk	52	49	1	20	5 20 Before
Alford	Lincoln.	53	13	0	25	1 40 Ditto
Alfreton	Derbyshire	53	6	1	20	5 20 After
Almondbury	York.	53	4	1	31	6 4 Ditto
Alawick	Northumb.	55	26	1	35	6 20 Ditto
Alresford	Hampshire	51	8	1	12	4 48 Ditto
Aldonmore	Cumberla.	54	45	2	2	8 8 Ditto
Alton	Hampshire	51	12	1	2	4 8 Ditto
Altrincham	Cheshire	53	25	2	20	9 20 Ditto
Amblefide	Westmorel.	54	20	2	47	11 8 Ditto
Amersbury	Wilt.	51	12	1	42	6 48 Ditto
Amersham	Buckingham.	51	40	0	40	2 40 Ditto
Amptill	Bedford.	52	0	0	32	2 8 Ditto
Andover	Hampshire	51	14	1	32	6 8 Ditto
Appelby	Westmorel.	54	30	2	13	8 52 Ditto
Appledore	Kent	51	2	0	55	3 40 Before
Arundel	Suffex	50	54	0	36	2 24 After
Sr. Asaph	Flintshire	53	15	3	15	13 0 Ditto
Ashburn	Derbyshire	53	0	1	42	6 48 Ditto
Ashburton	Devonshi.	50	31	4	4	16 16 Ditto
						Ashby

	County	Latit.	Longit.	min.	sec.	London
Ashby de la Zouch	Leicesters.	52 41	1 28	5	52	After
Ashford	Kent	51 7	0 55	3	40	Before
Askrig	Yorkshire	54 13	1 52	7	28	After
Atherstone	Warwick.	52 36	1 33	6	12	Ditto
Attleburg	Norfolk	52 33	1 7	4	28	Before
Auburn	Wils.	51 30	1 37	6	28	After
Aukland, B.	Durham	54 38	1 22	5	28	Ditto
Aulcester	Warwick.	52 15	1 52	7	28	Ditto
St. Austel	Cornwal	50 25	5 5	20	20	Ditto
Autrey	Devonshir.	50 45	3 25	13	40	Ditto
Axbridg	Somersets.	51 18	2 55	11	40	Ditto
Axminster	Devonshi.	50 47	3 7	12	28	Ditto
Aye	Suffolk	52 25	1 16	5	4	Before

B

B Akewell	Derbyshire	53 12	1 39	6	36	After
Bala	Merionet.	52 54	3 36	14	24	Ditto
Baldock	Hertfords.	51 57	0 14	0	56	Ditto
Bampton	Oxford.	51 40	1 30	6	0	Ditto
Bampton	Devonshir	51 4	3 32	14	36	Ditto
Banbury	Oxfordsh.	52 2	1 17	5	8	Ditto
Bangor	Cornwal	53 12	4 12	16	48	Ditto
Bangor	Sussex	50 49	0 40	2	40	Ditto
Barking	Essex	51 30	0 10	0	40	Before
Barkley	Glocesters.	51 40	2 30	10	0	After
Parkway	Hertfords.	52 1	0 4	0	16	Before
Barnard, C.	Durch.	54 27	1 37	6	28	After
Barnet	Hertfords.	51 37	0 10	0	40	Ditto
Branfley	Yorkshire	53 35	1 19	5	16	Ditto
Barnstaple	Devonshi.	51 10	4 5	16	20	Ditto
Barton	Lincolnshi.	53 43	0 15	1	0	Ditto
Barwick	Northumb.	55 45	1 50	7	20	Ditto
Basingstoke	Hamp.	51 18	1 10	4	40	Ditto
Battle	Sussex	50 57	0 31	2	4	Before
Bath	Somersets.	51 25	2 10	8	40	After
Bautre	Yorkshire	53 26	0 55	3	40	Ditto
Beachy Head	Sussex	55 47	0 21	1	24	Before
Beaconsfield	Buckingh.	51 35	0 38	2	32	After
Beare Alston	Devon.	50 32	4 25	17	40	Ditto
Beaumaris	Anglesea	53 18	4 10	16	40	Ditto
Beckles	Suffolk	52 34	1 40	6	40	Before
Bedal	Yorkshire	54 15	1 25	5	40	After
Bedford	Bedfords.	52 6	0 30	2	0	Ditto
Bediford	Devon.	51 7	4 20	17	20	Ditto
Belford	Northumb.	55 37	1 44	6	56	Ditto
Beltingham	Northumb.	54 57	2 5	8	20	Ditto
Bemister	Dorsets.	50 47	2 55	11	40	Ditto
Bere	Dorsetshir.	50 47	2 20	9	20	Ditto



	County	Latit.	Longit.	min.	sec.	London
Berkhamsted	Hertfordsh.	51 43	0 35	2	20	After
Betley	Staffordsh.	53 1	2 25	9	40	Ditto
Bettus	Merionet.	53 0	3 30	14	0	Ditto
Beverley	Yorkshire	53 53	0 10	0	40	Ditto
Bewdley	Worcest.	52 24	2 17	9	8	Ditto
Bicester	Oxfordsh.	51 53	1 8	4	32	Ditto
Biddende	Kent	51 8	0 42	2	48	Before
Bigleswad	Bedfordsh.	52 3	0 20	1	20	After
Bildestone	Suffolk	52 11	0 55	3	40	Before
Billerichy	Essex	51 34	0 33	2	12	Before
Billingham	Northumb.	55 13	1 48	7	12	After
Bilston	Leicesters.	52 35	0 56	3	44	Ditto
Binbrok	Lincolnsh.	53 27	0 5	0	20	Before
Bingham	Nottingh.	52 56	0 57	3	48	After
Birmingham	Warwick.	52 29	1 52	7	28	Ditto
Bishops Castle	Shropshire	52 31	3 3	12	12	Ditto
Blackhorn	Lancast.	53 44	2 21	9	24	Ditto
Blandford	Dorchester.	50 55	2 14	8	56	Ditto
Blechingly	Surry	51 15	0 10	0	40	Ditto
Blyborough	Suffolk	52 26	1 43	6	52	Before
Bodmin	Cornwal	50 30	5 6	20	24	After
Bolsover	Derbysh.	53 15	1 11	4	44	Ditto
Bolton	Lancast.	53 36	2 22	9	28	Ditto
Booth	Lancast.	54 15	2 58	11	52	Ditto
Borne	Lincolnsh.	53 44	0 21	1	24	Ditto
Boroughbrig	Yorkshire	54 7	1 10	4	40	Ditto
Bosney	Cornwal	50 45	5 3	20	12	Ditto
Boston	Lincolnsh.	53 2	0 10	0	40	Before
Bosworth	Leicester.	52 36	1 25	5	40	After
Bowe	Devonsh.	50 50	4 0	10	0	Ditto
Brackley	Northamp.	51 58	1 7	4	28	Ditto
Bradfield	Essex	51 55	0 20	1	20	Before
Bradford	Wiltshire	51 23	2 20	9	20	After
Bradforth	Yorkshire	53 47	1 35	6	20	Ditto
Brading	Hampshire	50 41	1 15	5	0	Ditto
Bradnich	Devonsh.	50 51	3 35	14	20	Ditto
Braintree	Essex	51 54	0 37	2	28	Ditto
Bamber	Suffex	50 50	0 15	1	0	Ditto
Brampton	Cumberl.	54 53	2 21	9	24	Ditto
Bramyard	Hertford.	52 12	2 30	10	0	Ditto
Brandon	Suffolk	52 26	0 45	3	0	Before
Brecknock	Brecknock.	51 54	3 27	13	48	After
Brent	Devonsh.	50 26	4 10	16	40	Ditto
Brentford	Middlesex	51 29	0 15	1	0	Ditto
Brewood	Staffordsh.	52 43	2 11	8	44	Ditto
Bridgenid.	Clamorg.	51 33	3 40	14	40	Ditto
Brignorth	Shropshire	52 35	2 27	9	48	Ditto
Bridgwater	Somerset.	51 10	3 5	12	20	Ditto
Bridlington	Yorkshire	54 8	0 8	0	32	Before

	County	Latit.	Longit.	min. sec.		London
Bridport	Dorchester.	50 43	2 55	11	40	After
Bristol	Somersetsh.	51 26	2 40	10	40	Ditto
Broadway	Glocester.	52 1	1 52	7	28	Ditto
Bromley	Kent	51 23	0 0	0	0	Ditto
Bromleate	Staffordsh.	52 43	1 52	7	28	After
Bromsgrove	Worcester.	52 23	2 5	8	20	Ditto
Brough	Westmorl.	54 27	2 5	8	20	Ditto
Bruton	Somerset.	51 10	2 35	10	20	Ditto
Brustale	Yorkshire	53 45	1 27	5	48	Ditto
Buckenham	Norfolk	52 30	1 10	4	40	Before
Buddefdale	Suffolk	52 24	1 10	4	40	After
Burford	Oxfordf	52 46	1 38	6	32	Ditto
Built	Breck.	52 10	3 35	13	40	Ditto
Bullingbrooke	Lincolnsh.	53 10	0 13	0	52	Before
Buckingham	Bucking.	51 57	1 0	4	0	After
Bungey	Suffolk	52 32	1 35	6	20	Before
Buntingford	Hertford.	51 56	0 3	0	12	After
Burgh	Lincolnsh.	53 12	1 30	6	0	Before
Burnham	Norfolk	52 58	0 55	3	40	Ditto
Burnley	Lancast.	53 46	2 5	8	20	After
Burntwood	Essex	51 34	0 20	1	20	Before
Burton	Lincoln.	53 41	0 30	2	0	After
Burton	Stafford.	52 48	1 38	6	32	Ditto
Burton	Westmor.	54 7	2 35	10	20	Ditto
Bury	Lancaster.	53 35	2 12	8	48	Ditto
Bury, St. Edmonds	Suffolk	52 18	0 45	3	0	Before
Bingley	Yorkshire	53 51	1 32	6	8	After

C

C Aerfilly	Glamorg.	51 37	3 16	13	4	Ditto
Caerleon	Monmout.	51 38	3 2	12	8	Ditto
Caerwis	Flintshire	53 13	3 21	13	24	Ditto
Calne	Wiltshire	51 25	2 1	8	4	Ditto
Cambridge	Cambridg.	52 12	0 6	0	24	Before
Camelford	Cornwal	50 41	5 3	20	12	After
Campden	Glocester.	52 3	1 48	7	12	Ditto
Canterbury	Kent.	51 16	1 7	4	28	Before
Cardiff	Glamorg.	51 32	3 15	13	0	After
Cardigan	Cardigan.	52 8	4 43	18	52	Ditto
Carlile	Cumberl.	54 48	2 30	10	0	Ditto
Carmarthen	Carmart.	51 53	4 23	17	32	Ditto
Carnarvon	Carnarv.	53 10	4 24	17	36	Ditto
Cartmel	Lancaster.	54 0	2 40	10	40	Ditto
Carey	Somerset.	51 9	2 37	10	28	Ditto
Castle Rising	Norfolk	52 47	0 43	2	52	Before
Caston	Norfolk	52 47	1 17	5	8	Before
Castor	Lincolnsh.	53 30	0 10	0	40	After
Catworth	Huntindo.	52 20	0 27	1	48	Ditto
						St. Cave

	County	Latit.	Longit.	min.	sec.	London
St. Cave	Yorkshire	53 47	0 28	1	52	After
Cawood	Yorks.	53 50	9 55	3	40	Ditto
Caxton	Cambridg.	52 12	0 16	1	4	Ditto
Carne	Dorsetshi.	50 48	2 37	10	28	Ditto
Chatres	Cambsidg.	52 30	0 7	0	28	Before
Chatham	Kent	51 23	0 34	2	16	Ditto
Chegford	Devonsh.	50 40	4 3	16	12	After
Chapel Infrith	Derbysh.	53 20	1 50	7	20	Ditto
Chard	Somerfet.	50 52	3 6	12	24	Ditto
Charlebury	Oxfordsh.	51 50	1 27	5	48	Ditto
Charley	Lancaster.	53 39	2 3	8	12	Ditto
Cheadle	Staffordsh.	52 58	2 1	8	4	Ditto
Chelmsford	Essex	51 42	0 30	2	0	Before
Cheltenham	Glocester.	51 54	2 5	8	20	After
Chepstow	Monmout.	51 40	2 43	10	52	Ditto
Chertsey	Surry	51 23	0 30	2	0	Ditto
Chesham	Buckingh.	51 41	0 40	2	40	Ditto
Chester	Cheshire	53 10	3 0	12	0	Ditto
Chesterfield	Derbysh.	53 15	1 21	5	24	Ditto
Clinton	Somerfetsh	51 21	2 40	10	40	Ditto
Chichester	Suffex	50 52	0 52	3	28	Ditto
Chimligh	Devonsh.	50 58	4 0	16	0	Ditto
Chippenharn	Wiltshire	51 26	2 10	8	40	Ditto
Chippingnor	Oxfordsh.	51 55	1 32	6	8	Ditto
Chaudleigh	Devonsh	50 38	3 54	15	36	Ditto
Church Street	Shropshire	52 32	2 52	11	28	Ditto
Cirencester	Glocester.	51 40	2 0	8	0	Ditto
Clapham	Yorkshire	54 00	2 12	8	48	Ditto
Cldre	Suffolk	52 6	0 37	2	28	Before
Clay	Norfolk	52 55	1 13	4	52	Ditto
Clebury	Shropshire	52 21	2 35	10	20	After
Clethero	Lancast.	53 50	2 12	8	48	Ditto
Cliffe	Northumb.	52 30	0 30	2	0	Ditto
Clown	Derbyshire	53 18	1 10	4	40	Ditto
Cockermouth	Cumberl.	54 33	3 6	12	24	Ditto
Cogthall	Essex	51 54	0 50	3	20	Before
Colnbrook	Buckingh.	51 27	0 31	2	4	After
Colehill	Warwick.	52 30	1 42	6	28	Ditto
Colne	Lancaster.	53 49	2 1	8	4	Ditto
Folchester	Essex	51 57	1 2	4	8	Before
Colomb	Cornwal	50 29	5 20	21	20	After
Colompton	Devonshire	50 54	3 31	14	4	Ditto
Combmerlin	Devonshire	51 21	4 1	16	4	Ditto
Congleton	Cheshire	53 9	2 15	9	0	Ditto
Conway Abe	Carmar	53 16	3 55	15	40	Ditto
Corbye	Lincolnsh.	52 48	0 25	1	40	Ditto
Corfe Castle	Dorsetshire	50 40	2 8	8	32	Ditto
Corwen	Merionet.	52 56	3 24	13	36	Ditto
Covertry	Warwick.	52 26	1 28	5	52	Ditto

Cow-

	County	Latit.	Longit.	min.	sec.	London
Cowbridge	Glancorg.	51 31	3 33	14	12	After
Cows	Hampshire	50 47	1 25	5	40	Ditto
Cranborn	Dorsetshi.	50 57	2 0	8	0	Ditto
Cranbrook	Kent	51 7	0 30	2	0	Before
Cray	Kent	51 23	0 9	0	36	Ditto
Crediton	Devonshi.	50 48	3 53	15	32	After
Cricklade	Wiltshire	51 36	1 55	7	40	Ditto
Crickhowell	Brecknoc.	51 52	3 13	12	52	Ditto
Cromer	Norfolk	52 57	1 25	5	40	Before
Crokehorn	Somersetf.	50 52	2 55	11	40	After
Crowland	Lincolnshi.	52 40	0 9	0	36	Ditto
Croydon	Surry	51 22	0 8	0	32	Ditto
Cuckfield	Suffex	51 2	0 10	0	40	Ditto
Culliton	Devonshi.	50 43	3 16	13	4	Ditto

D

D Alton	Lancashire	54 5	3 2	12	8	Ditto
Derby	Derbyshir.	52 58	1 26	5	44	Ditto
Darking	Surry	51 14	0 13	0	52	Ditto
Darlington	Durham	54 29	1 14	4	56	Ditto
Dartford	Kent	51 24	0 15	1	0	Before
Dartmouth	Devonshi.	50 23	3 58	15	52	After
Daventry	Northamp.	52 13	1 9	4	36	Ditto
St. Davids	Pembrokej.	51 55	5 15	21	0	Ditto
Debenham	Suffolk	52 20	1 15	5	0	Before
Dedington	Oxfordshi.	51 56	1 15	5	0	After
Denbigh	Denbigshi.	53 10	3 30	14	0	Ditto
Dent	Yorkshire	54 12	2 11	8	44	Ditto
Derham	Norfolk	52 42	1 4	4	16	Before
Devizes	Wiltshire	51 22	2 6	8	24	After
Dieping	Lincolnshi.	52 39	0 16	1	4	Ditto
Digton	Yorkshire	53 54	0 50	3	20	Ditto
Dinas mouthw	Merionet.	54 42	2 45	11	0	Ditto
Difs	Norfolk	52 28	1 5	4	20	Before
Dodbrook	Devonshi.	50 14	4 7	16	28	After
Dolgelle	Merionet.	52 45	3 55	15	40	Ditto
Doncaster	Yorkshire	53 33	1 0	4	0	Ditto
Dorchester	Dorsetshi.	50 43	2 40	10	40	Ditto
Dover	Kent	51 5	1 16	5	4	Before
Downs	Kent	57 12	1 25	5	40	Ditto
Downham	Norfolk	52 37	0 34	2	16	Ditto
Drafton	Shropshire	52 50	2 35	10	20	After
Droitwich	Worcester.	52 19	2 11	8	44	Ditto
Dranfeild	Derbyshi.	53 19	1 22	5	28	Ditto
Dudley	Worcester.	52 34	2 34	10	16	Ditto
Dulverton	Somersetf.	51 7	3 40	14	40	Ditto
Dunston	Wiltshire	51 2	1 50	7	20	Ditto
Dunington	Lincolnshi.	52 55	0 5	0	20	Ditto

Dunmo

	County	Latit.	Longit.	min.	sec.	London
Dunmow	Essex	51 52	0 24	1 36		Before
Dunstable	Bedfordsh.	51 51	0 31	2 4		After
Dunster	Somersetf.	51 14	3 35	14 20		Ditto
Dunwich	Suffolk	52 24	1 48	7 12		Before
Durham	Durham	54 47	1 13	4 52		After
Dursley	Gloucestersf.	51 39	2 23	9 32		Ditto

E

E Aftbourn	Suffex	50 49	0 21	1 24		Before
Ebham	Surry	51 21	0 18	1 12		After
Ecclethall	Staffordsh.	52 52	2 51	11 0		Ditto
Eccleston	Lancashire	53 40	2 40	10 40		Ditto
Edgworth	Middlesex	51 34	0 15	1 0		Ditto
Egremond	Cumberla.	54 25	3 15	13 0		Ditto
Elcham	Kent	51 9	1 10	4 40		Before
Elfedon	Northumb.	55 17	1 45	7 0		After
Ellismere	Shropshire	52 52	2 55	11 40		Ditto
Ely	Cambridg.	52 23	0 15	1 0		Before
Enfield	Middlesex	51 38	0 1	0 4		After
Epping	Essex	51 41	0 6	0 24		Before
Eringwold	Yorkshire	54 8	1 0	4 0		After
Evershot	Dorsetshi.	50 48	2 46	11 4		Ditto
Evelham	Worcester.	52 6	1 56	7 44		Ditto
Ewell	Surry	51 21	0 15	1 0		Ditto
Exeter	Devonshi.	50 49	3 42	14 28		Ditto

F

F Airford	Gloucestersf.	51 41	1 48	7 12		Ditto
Fakenham	Northum.	52 50	1 1	4 4		Before
Falmouth	Cornwall	50 9	5 30	22 0		After
Farham	Hampshire	50 55	1 15	5 0		Ditto
Farnham	Surrey	51 14	0 51	3 24		Ditto
Farrington	Barkham	51 37	1 37	6 28		Ditto
Fevertham	Kent	51 19	0 58	3 52		Before
Fifingard	Pembroks	52 2	4 57	19 48		After
Flamborough	Yorkshire	54 9	0 15	1 0		Before
Flint	Flintshire	53 12	3 12	12 48		After
Fockinham	Lincolnshi.	52 52	0 22	1 28		Ditto
Folkeston	Kent.	51 4	1 13	4 52		Before
Fordingbridge	Hampshire	50 55	1 53	7 32		After
Foultham	Norfolk	52 48	1 9	4 36		Before
Fowy	Cornwall	50 22	5 0	20 0		After
Framlinham	Suffolk	52 23	1 29	5 56		Before
Frampton	Dorsetshir	50 45	2 45	11 0		After
Frodesham	Cheshire	53 18	2 42	10 48		Ditto
Frodlingham	Yorkshire	53 59	0 5	0 20		Ditto
Frome	Somersetf.	51 16	2 25	9 40		Ditto
						Gatton

	County	Latit.	Longit.	min.	sec.	London
G Atton	Surry	51	17	0	9	0 36 After
G Ganeſborough	Lincolnſhi.	53	25	0	38	2 32 Ditto
Gaſtſang	Lancaſhir.	53	53	2	41	10 44 Ditto
S. Germainſ	Cornwal	50	25	4	37	18 28 Ditto
Giſbourn	Yorkſhire	53	54	2	5	8 20 Ditto
Giſborough	Yorkſhire	54	33	0	45	3 0 Ditto
Glanford Bridge	Lincolnſhi.	53	36	0	20	1 20 Ditto
Glaſtonbury	Somerſetſ.	51	11	2	49	11 16 Ditto
Glem	Leiceſterſ.	52	32	0	54	3 36 Ditto
Gloceſter	Gloceſterſ.	51	51	2	14	8 56 Ditto
Godolming	Surry	51	12	0	40	2 40 Ditto
Goudhurſt	Kent	51	9	0	26	1 44 Before
Graiſ	Effex	51	28	0	17	1 8 Ditto
Gramfond	Cornwal	50	20	1	21	5 24 After
Grantham	Lincolnſhi.	52	54	0	37	2 28 Ditto
Great Bedwin	Wiltſhire	51	23	1	42	6 48 Ditto
Graveſend	Kent	51	24	0	28	1 52 Before
Grimſby	Lincolnſhi.	53	36	0	5	0 20 Ditto
Griſted	Suffex	51	9	0	0	0 0 0
Guildford	Surry	51	15	0	37	2 28 Ditto

H

H Adley	Suffolk	52	6	1	3	4 12 Before
Haleſworth	Suffolk	52	5	1	40	6 40 Ditto
Halliſax	Yorkſhire	53	44	1	44	6 56 After
Hallatom	Leiceſterſ.	52	32	0	54	3 36 Ditto
Halſted	Effex	51	57	0	40	2 40 Before
Haluſefel	Northumb.	54	58	2	5	8 20 After
Hampton	Gloceſterſ.	51	40	2	13	8 52 Ditto
Harborough	Leiceſterſ.	52	27	1	10	4 40 Ditto
Haringworth	Northumb.	52	30	0	33	2 12 Ditto
Harligh	Marionet.	52	53	4	13	16 52 Ditto
Harleſton	Norfolk	52	30	1	26	5 44 Before
Haleſworth	Suffolk	52	27	1	40	6 40 Ditto
Harly	Northumb.	55	7	1	13	4 52 After
Harlow	Effex	51	47	0	7	0 28 Before
Hartford	Hartfordſ.	51	48	0	5	0 20 After
Hartland	Devonſhi.	51	8	4	44	10 56 Ditto
Hartlepool	Durham	54	43	0	55	3 40 Before
Harwich	Effex	52	1	1	25	5 40 After
Haſelmore	Surry	51	10	0	48	3 12 Ditto
Haſlingden	Lancaſhir.	53	42	2	13	8 52 Ditto
Haſtings	Suffex	50	4	0	40	2 40 Before
Haſfield	Hartfordſ.	51	44	0	15	1 0 After
Haſfield	Yorkſhire	53	37	0	50	3 20 Ditto

Haſelſb

	County	Latit.	Longit.	min.	sec.	London
Hatesbury	Wiltf.	51 15	2 12	8 48		After
Hatherley	Devons.	50 50	4 13	16 52		Ditto
Havant	Hampf.	52 52	1 4	4 16		Ditto
Haverfordwest	Pembrokf.	51 50	5 0	20 00		Ditto
Haveul	Effex	52 5	0 25	1 40		Before
Hawkshead	Lancas.	54 18	2 50	11 20		After
Hay	Brecknock.	52 5	3 8	12 32		Ditto
Haylsham	Suffex	50 55	0 20	1 20		Before
Heydon	Yorkf.	53 46	0 3	0 12		Ditto
Hilmesley	Yorkf.	54 16	0 51	3 24		After
Helmston	Suffex	50 52	0 4	0 16		Ditto
Helston	Cornwal	50 50	5 45	23 0		Ditto
Hemsted	Hertfordf.	51 44	0 30	2 0		Ditto
Henley	Oxfordf.	51 53	0 55	3 40		Ditto
Hereford	Herefordf.	52 4	2 45	11 0		Ditto
Herling	Norfolk	52 28	1 5	4 20		Before
Hexham	Northumb.	55 3	1 38	6 32		After
Heydon	Yorkf.	53 46	0 3	0 12		Before
Hickling	Norfolk	52 58	1 40	6 40		Ditto
Highamferris	Northam.	52 15	0 37	2 28		After
Highworth	Wiltf.	51 35	1 45	7 0		Ditto
Hindon	Wiltf.	51 10	2 14	8 56		Ditto
Hingham	Norfolk	52 36	1 9	4 36		Before
Hinkley	Leicestersf.	52 32	1 20	5 20		After
Hitching	Hertfordf.	51 56	0 20	1 20		Ditto
Hyth	Kent	51 4	1 9	4 36		Before
Hiworth	Wiltf.	51 35	1 45	7 0		After
Hodnet	Shropsf.	52 50	3 35	14 20		Ditto
Hodsdon	Herifordf.	51 45	0 0	0 0		
Holbech	Lincolnsf.	52 49	0 5	0 20		Before
Holyhead	Anglesea	53 23	4 47	19 8		After
Holm	Cumberla.	54 40	3 0	12 0		Ditto
Holywell	Flintf.	53 15	3 17	13 8		Ditto
Honiton	Devonsf.	50 48	3 21	13 24		After
Holt	Norfolk	52 53	1 16	5 4		Ditto
Horn Castle	Lincolnsf.	53 14	0 5	0 20		Before
Horndon	Effex	51 31	0 29	1 56		Ditto
Hornsey	Yorkf.	53 58	0 8	0 32		Ditto
Horsham	Suffex	51 7	0 20	1 20		After
Hoveingham	Yorkf.	54 11	0 45	3 0		Ditto
Hoanslow	Middlesex	51 28	0 21	1 24		Ditto
Houlsworth	Devonsf.	50 51	4 38	18 32		Ditto
Howden	Yorkf.	53 46	0 40	2 40		Ditto
Hullorkingst	Yorkf.	53 47	0 5	0 20		Ditto
Honnónbye	Yorkf.	54 12	0 4	0 16		Ditto
Hangerford	Barkf.	51 24	1 35	6 20		Ditto
Huntingdon	Huntingd.	52 18	0 15	1 0		Ditto
Huthersfield	Yorkf.	53 38	1 38	6 32		Ditto

County	Latit.	Longit.	min.	sec.	London
I Lcheſter	<i>Somerſetſ.</i>	51	6	2	52 11 28 After
Ilfracomb	<i>Devonſ.</i>	51	15	4	8 16 32 Ditto
Ilmiſter	<i>Somerſetſ.</i>	50	57	3	5 12 20 Ditto
Ingerſton	<i>Effex</i>	51	37	0	27 1 48 Before
Eaſt Ilſey	<i>Barkſ.</i>	51	30	1	16 5 4 After
Iſpwich	<i>Suffolk</i>	52	8	1	15 5 0 Before
Irebye	<i>Cumberla.</i>	54	32	2	54 11 36 After
St. Ives	<i>Cornwal</i>	50	15	6	0 24 0 Ditto
St. Ives	<i>Huntingto.</i>	52	17	0	5 0 20 Ditto
Ivings	<i>Buckingh.</i>	51	50	0	38 2 32 Ditto
Ixworth	<i>Suffolk</i>	52	22	1	0 4 0 Before

K

K Edermiſter	<i>Worceſter.</i>	52	25	2	13 8 52 After
Kellington	<i>Cornwal</i>	50	34	4	37 18 28 Ditto
Kendall	<i>Westmorel.</i>	54	13	2	35 10 20 Ditto
Kewick	<i>Cumberla.</i>	54	29	2	55 11 40 Ditto
Kettering	<i>Northam.</i>	52	20	0	45 3 00 Ditto
Keynſham	<i>Somerſetſ.</i>	51	25	2	35 10 20 Ditto
Kidwelly	<i>Carmarth.</i>	51	45	4	20 17 20 Ditto
Kighley	<i>Yorkſ.</i>	53	52	1	40 6 40 Ditto
Kilgarren	<i>Pembroke.</i>	52	5	4	40 18 40 Ditto
Kilham	<i>Yorkſ.</i>	54	5	0	6 0 24 Ditto
Kilbolton	<i>Huntingto.</i>	52	15	0	26 1 44 Ditto
Kingsbridge	<i>Devonſ.</i>	50	16	4	10 16 40 Ditto
Kingscler	<i>Hampſ.</i>	51	20	1	18 5 12 Ditto
Kingſton	<i>Surry</i>	51	24	0	16 1 4 Ditto
Kington	<i>Herefordſ.</i>	52	15	3	4 12 16 Ditto
Kinoer	<i>Staffordſ.</i>	52	30	2	14 8 56 Ditto
Kirkbymoſefid	<i>Yorkſ.</i>	54	17	0	40 2 40 Ditto
Kirkby Steven	<i>Westmorel.</i>	54	24	2	10 8 40 Ditto
Kirkham	<i>Lancaſ.</i>	53	44	2	45 11 0 Ditto
Kirk Oſwald	<i>Cumberla.</i>	54	40	2	15 9 0 Ditto
Kirton	<i>Lincolnſ.</i>	53	30	0	25 1 40 Ditto
Knaresborough	<i>Yorkſ.</i>	54	2	1	15 5 0 Ditto
Knighton	<i>Radnorſ.</i>	52	23	3	4 12 16 Ditto
Knotsford	<i>Obef.</i>	53	18	2	21 9 24 Ditto
Kineton	<i>Warwick.</i>	52	10	1	30 6 0 Ditto

L

L Anbeder	<i>Cardigan.</i>	52	20	4	00 16 0 After
Lancaster	<i>Lancaſ.</i>	54	00	2	42 10 48 Ditto
Lanceſton	<i>Cornwal</i>	50	34	4	37 18 28 Ditto
Lands End	<i>Cornwal</i>	50	2	6	15 25 0 Ditto
					Landaff

	County	Latit.	Longit.	min.	sec.	London
Landaff	Glamorg.	51 43	3 20	13	20	After
Llanbedewan	Cardigan.	52 26	4 5	16	20	Ditto
Llandewey	Radnorsh.	52 22	3 20	13	20	Ditto
Llandilovaw	Carmarth.	51 54	4 10	16	40	Ditto
Llangolbon	Denbigf.	52 57	3 10	12	40	Ditto
Llanithyc	Carmarth.	51 42	4 14	16	56	Ditto
Llangodack	Carmarth.	81 58	3 55	15	40	Ditto
Llanimdoveic	Carmarth.	52 3	3 52	15	28	Ditto
Llanfawell	Carmarth.	52 4	4 5	16	20	Ditto
Langbourn	Barkshire	51 32	1 30	6	0	Ditto
Langport	Somerset	51 3	2 58	11	52	Ditto
Langroft	Denbigf.	53 10	3 50	15	20	Ditto
Llantrisant	Glamorg.	51 34	3 27	14	48	Ditto
Lastoffe	Suffolk	52 38	1 56	7	44	Ditto
Lovenham	Suffolk	52 9	0 52	3	28	Before
Llanvilling	Montgom.	51 45	3 16	13	4	After
Llanydlos	Montgom.	52 28	3 35	14	20	Ditto
Laughern	Carmarth.	51 45	4 30	18	0	Ditto
Launfdale	Westmorel.	54 15	2 27	9	48	Ditto
Lafington	Wiltf.	51 15	2 4	8	16	Ditto
Learmouth	Northumb.	55 38	2 4	8	16	Ditto
Lechlade	Glocestersf.	51 41	1 44	6	56	Ditto
Lee	Essex	51 32	0 52	3	28	Before
Leeds	Yorkshire	53 50	0 21	1	24	After
Leek	Staffordf.	58 35	2 2	8	8	Ditto
Leicester	Leicestersf.	52 37	1 7	4	28	Ditto
Leigh	Lancashire	53 31	2 28	9	52	Ditto
Leighton	Bedfordf.	51 53	0 38	2	32	Ditto
Leming	Yorkshire	54 15	1 10	4	40	Ditto
Lemington	Hampshire	50 47	1 41	6	44	Ditto
Lemster	Herefordf.	52 15	2 45	11	0	Ditto
Lenkham	Kent	51 11	0 50	3	20	Before
Leskard	Cornwal	50 31	4 48	19	12	After
Lestoffe	Suffolk	52 38	1 56	7	44	Ditto
Lestwithiel	Cornwal	50 27	5 2	20	8	Ditto
Liverpool	Lancasf.	53 25	3 0	12	0	Ditto
Lewes	Sussex	50 54	0 5	0	20	Before
Litchfield	Staffordsh.	52 42	1 49	7	16	After
Lidbury	Herefordf.	52 43	2 25	9	40	Ditto
Lime	Dorsetshi.	50 42	3 05	12	20	Ditto
Lincoln	Lincolnsbi.	53 13	0 25	1	40	Ditto
Lizard Point	Cornwal	50 53	5 40	22	40	Ditto
Loddon	Norfolk	52 36	2 34	10	16	Before
LONDON	Middlesex	51 32	0 0	0	0	0
Longtown	Cumberla.	55 8	2 22	9	28	After
Loughborough	Leicestersf.	52 47	1 11	4	44	Ditto
East Low	Cornwal	50 22	4 46	19	4	Ditto
West Low	Cornwal	50 22	4 8	16	32	Ditto

	County	Latit.	Longit.	min.	sec.	London
Louth	<i>Lincolnshi.</i>	53 22	0 10	0	40	Before
Ludlow	<i>Shropshire</i>	52 24	2 45	11	00	After
Lugershall	<i>Wiltshire</i>	51 16	1 43	6	52	Ditto
Luton	<i>Bedfordsh.</i>	51 53	0 26	1	44	Ditto
Lutterworth	<i>Leicestersf.</i>	52 27	1 10	4	40	Ditto
Lydd	<i>Kent</i>	50 56	1 00	4	0	Before
Lyfton	<i>Devonshi.</i>	50 45	4 30	18	0	After
Lynton	<i>Cambridg.</i>	52 7	0 15	1	0	Before
Lyn Regis	<i>Norfolk</i>	52 45	0 35	2	20	Ditto
Lytcham	<i>Norfolk</i>	52 45	0 57	3	48	Ditto

M

M ackynleth	<i>Montgom.</i>	12 35	2 55	11	40	After
Macklesfield	<i>Cheshire</i>	53 15	2 10	8	40	Ditto
Maidenhead	<i>Barkshire</i>	51 30	0 42	2	48	Ditto
Maidstone	<i>Kent</i>	50 56	0 36	2	24	Before
Malden	<i>Essex</i>	51 47	0 47	3	8	Ditto
Malling	<i>Kent.</i>	51 17	0 28	1	52	Ditto
Malmfbury	<i>Wiltshire</i>	51 38	2 10	8	40	After
Malpas	<i>Cheshire</i>	53 3	2 45	11	00	Ditto
Malton	<i>Yorkshire</i>	54 9	0 30	2	00	Ditto
Manchester	<i>Lancasf.</i>	53 28	2 10	8	40	Ditto
Manningtree	<i>Essex</i>	52 2	1 13	4	52	Before
Mansfield	<i>Nottingb.</i>	53 10	1 10	4	40	After
Market Jew	<i>Cornwal</i>	50 7	5 57	23	48	Ditto
Marlbrough	<i>Wiltshire</i>	51 27	1 45	7	0	Ditto
Marlow	<i>Buckingb.</i>	51 33	0 47	3	8	Ditto
Marshfield	<i>Gloestersf.</i>	51 23	2 18	9	12	Ditto
Marton	<i>Yorkshire</i>	54 33	0 53	3	32	Ditto
Masfham	<i>Yorkshire</i>	54 11	1 23	5	32	Ditto
Mawes St. C.	<i>Cornwal</i>	50 45	5 50	23	20	Ditto
Melcombe	<i>Dorsetshi.</i>	50 39	2 40	10	40	Ditto
Melton	<i>Leicestersf.</i>	52 44	0 50	3	20	Ditto
Mendelfham	<i>Suffolk</i>	52 19	1 2	4	8	Before
Merch	<i>Cambridg.</i>	52 35	0 10	0	40	Ditto
Mere	<i>Wiltshire</i>	51 9	2 10	8	40	After
St. Michael	<i>Cornwal</i>	50 20	4 48	19	12	Ditto
Methwould	<i>Norfolk</i>	52 31	0 45	3	0	Before
Midhurst	<i>Suffex</i>	51 1	0 50	3	20	After
Midlam	<i>Yorkshire</i>	54 12	1 35	6	20	Ditto
Middlewich	<i>Cheshire</i>	53 15	2 30	10	0	Ditto
Midean	<i>Gloestersf.</i>	51 50	2 30	10	0	Ditto
Milbourn P.	<i>Somerfetf.</i>	51 2	2 32	10	8	Ditto
Mildenhall	<i>Suffolk</i>	52 22	0 35	2	20	Before
Milton Abbe	<i>Dorsetf.</i>	50 50	2 25	9	40	After
Milton	<i>Kent.</i>	51 22	0 50	3	20	Before
Minhead	<i>Somerfetf.</i>	51 15	3 45	15	0	After
Modbury	<i>Devonshi.</i>	50 0	4 15	17	0	Ditto

Mon-

	County	Latit.	Longit.	min.	sec.	London
Monmouth	Monmout.	51 50	2 45	11	0	After
Montgomery	Montgom.	52 34	3 10	12	40	Ditto
Montfrel	Leicesters.	52 44	1 7	4	28	Before
Moreton	Devonsbi.	50 40	3 57	15	48	Ditto
Morton	Glocesters.	51 53	1 45	7	0	After
Morpeth	Northumb.	55 15	1 15	5	0	Ditto
Mugglefwick	Durham	54 54	1 35	6	20	Ditto

N

N Amptwich	Cheshire	53 2	2 30	10	0	After
Narbarth	Pembroke	51 50	4 45	19	0	Ditto
Neath	Glamor.	51 41	3 35	14	20	Ditto
Neadham	Suffolk	52 14	1 9	4	36	Ditto
St. Neots	Hunting.	51 12	0 16	1	4	Ditto
Newin	Carn.	52 57	4 40	18	40	Ditto
Newark	Nottingb.	53 4	0 43	2	52	Ditto
Newborough	Anglesea	53 15	4 38	18	32	Ditto
Newbury	Barkshire	51 24	1 23	5	32	Ditto
Newcastle	Carmarth.	52 5	4 30	18	0	Ditto
Newcastle	Northumb.	55 1	1 10	4	40	Ditto
Newcastle	Staffords.	52 59	2 13	8	52	Ditto
Newent	Glocesters.	51 58	2 26	9	44	Ditto
Newmarket	Cambridg.	52 15	0 24	1	36	Before
Newnham	Glocesters.	51 47	2 26	9	44	After
Newport	Hampshire	50 13	1 27	5	48	Ditto
Newport	Cornwal.	50 45	4 35	18	20	Ditto
Newport	Monmout.	51 36	3 5	12	20	Ditto
Newport	Pembroke.	52 3	4 50	19	20	Ditto
Newport	Shropshire	52 45	2 25	9	40	Ditto
Newport Pagnel	Buckingh.	52 3	0 45	3	0	Ditto
Newton D	Devonsbi.	50 30	3 55	15	40	Ditto
Newton	Lancashir.	53 27	2 35	10	20	Ditto
Newtown	Montgome.	50 42	3 20	13	20	Ditto
Newtown	Hampshire	50 44	1 33	6	12	Ditto
Neyland	Suffolk	52 2	0 52	3	28	Before
North Alerton	Yorkshire	50 17	1 10	4	40	After
Northampton	Northamp.	52 12	0 57	3	48	Ditto
North Curry	Somerset.	51 5	3 5	12	20	Ditto
Northlech	Glocesters.	51 48	1 52	7	28	Ditto
Northwich	Cheshire	53 15	2 31	10	04	Ditto
Norwich	Norfolk	52 42	1 20	5	20	Before
Nottingham	Nottingb.	52 17	1 6	4	24	After
Nuneaton	Warw	52 33	1 23	5	32	Ditto

O

O Kingham	Barkshire	51 24	0 50	3	20	Ditto
Odiam	Hampshire	51 15	1 0	4	0	Ditto

Oke.

	County	Latit.	Longit.	min.	sec.	London
Okeham	Rutland.	52 39	0 49	3	16	After
Okehampton	Devonsbi.	50 47	4 8	16	32	Ditto
Ongar	Essex	51 43	0 15	1	0	Before
Orford	Suffolk	52 14	1 35	6	20	Ditto
Ormskirk	Lancashir.	50 35	2 50	11	20	After
Orton	Westmore.	54 25	2 23	9	32	Ditto
Osivestay	Shropshire	52 48	3 6	12	24	Ditto
Otley	Yorkshire	53 54	1 27	5	48	Ditto
Oulney	Bucks	52 7	0 45	3	0	Ditto
Oundle	Northam.	52 27	0 30	2	0	Ditto
Oxford	Oxfordshi.	51 43	1 15	5	0	Ditto

P

P adflow	Cornwal	50 37	5 20	21	20	After
Panswick	Glocesters.	51 46	2 10	8	40	Ditto
Patrington	Yorkshire	53 42	0 15	1	0	Before
Pembridge	Heresford.	50 15	2 45	11	0	After
Pembroke	Pembroke.	51 42	4 55	19	40	Ditto
Pentridge	Staffords.	52 45	2 10	8	40	Ditto
Penrith	Cumberla.	54 35	2 20	9	20	Ditto
Penrith	Glamor.	51 30	4 15	17	0	Ditto
Penryn	Cornwal	50 12	5 35	22	20	Ditto
Penfance	Cornwal	50 8	6 3	24	12	Ditto
Pensford	Somerset.	51 23	2 40	10	40	Ditto
Pershore	Worcester.	52 8	2 2	8	8	Ditto
Peterborough	Northamp.	52 33	0 13	0	52	Ditto
Petersfield	Hampshire	52 2	1 3	4	12	Ditto
Pettworth	Suffex	51 0	0 40	2	40	After
Petherton	Somerset.	51 7	3 0	12	0	Ditto
Phillips Norton	Somerset.	51 20	2 26	9	44	Ditto
Pickren	Yorkshire	54 15	0 30	2	0	Ditto
Plimouth	Devonsbi.	50 23	4 27	17	48	Ditto
Plimpton	Devonsbi.	50 22	4 21	17	24	Ditto
Plumtree	Northumb.	52 52	1 00	4	0	After
Pocklington	Yorkshire	53 55	0 25	1	40	Ditto
Poleworth	Warwick.	52 36	1 34	6	16	Ditto
Pontefract	Yorkshire	53 42	1 7	4	28	Ditto
Pontefract	Monmouth.	51 43	3 3	12	12	Ditto
Pool	Dorset.	50 46	2 6	8	24	Ditto
Porbeck	Dorset.	50 44	2 4	8	16	Ditto
Porlock	Somerset.	51 19	3 41	14	44	Ditto
Portland I	Dorset.	50 34	2 37	10	28	Ditto
Portsmouth	Hampshire	50 48	1 7	4	28	Ditto
Potten	Bedford.	52 6	0 15	1	0	Ditto
Poulton	Lancashire	53 50	2 57	11	48	Ditto
Prescott	Lancashire	53 24	2 47	11	8	Ditto
Presleign	Radnor.	52 20	3 12	12	12	Ditto
Preston	Lancashire	53 44	2 35	10	20	Ditto

Pullely

	County	Latit.	Longit.	min.	sec.	London
Pullely	Carna.	52 57	4 34	18	16	After
Purton	Wiltshire	51 10	1 45	7	0	Ditto

Q Ueenborough	Kent	51 23	0 52	3	28	Before
----------------------	------	-------	------	---	----	--------

R Adnor	Radnorf.	52 18	3 10	12	40	After
Ramsbury	Wiltshire	51 26	1 40	6	40	Ditto
Ramsey	Huntingto.	52 25	0 4	0	16	Ditto
Rafin	Lincolnsbi.	53 21	0 10	0	40	Ditto
Ravenglas	Camberla.	54 18	3 8	12	32	Ditto
Rayleigh	Essex	51 36	0 45	3	0	Before
Reading	Barkshire	51 25	1 0	4	0	After
Retsford	Nottingba.	53 20	0 50	3	20	Ditto
Redruth	Cornwal	50 16	5 40	22	40	Ditto
Repham	Norfolk	50 46	1 15	5	0	Before
Rhaidergwy	Radnorf.	52 21	3 28	13	52	After
Richmond	Yorkshire	54 20	1 30	6	0	Ditto
Ringwood	Hampshire	50 52	1 51	7	24	Ditto
Ripley	Yorkshire	54 7	1 22	5	28	Ditto
Rippon	Yorkshire	54 1	1 15	5	0	Ditto
Richborough	Buckingh.	51 42	0 50	3	20	Ditto
Rochdale	Lancashire	53 33	2 7	8	28	Ditto
Rocheſter	Kent	51 23	0 35	2	20	Before
Rochford	Essex	51 35	0 52	3	28	Ditto
Rockingham	Northamp.	52 20	0 45	3	0	After
Refefair	Cardigan.	52 19	3 54	15	36	Ditto
Rofe	Hereford.	51 55	2 35	10	20	Ditto
Rothbury	Northumb.	55 23	1 42	6	48	Ditto
Rotherham	Yorkshire	53 26	1 10	4	40	Ditto
Rothwell	Northumb.	52 23	0 50	3	20	Ditto
Royſton	Hertfordf.	52 3	0 3	0	12	Ditto
Rugby	Warwick.	52 21	1 14	4	56	Ditto
Rugle	Staffordf.	52 52	1 53	7	32	Ditto
Rumford	Essex	51 34	0 20	1	20	Before
Rumney	Kent	50 58	1 4	4	16	Ditto
Ramſay	Hampshire	51 2	1 35	6	20	After
Ruthyn	Denbighf.	53 5	3 20	13	20	Ditto
Rye	Suffex	50 58	0 53	3	32	Before
Rydam	Northumb.	55 37	2 5	8	20	After
Rygate	Surrey	51 15	0 20	1	20	Ditto

S Alisbury	Wiltshire	51 7	1 52	7	28	Ditto
Saltash	Cornwal	51 25	4 30	18	0	Ditto
Saltfleetbye	Lincolnsbi.	53 24	0 24	1	36	Before
Sandbach	Cheſhire	53 27	2 22	9	28	After
						Sand.

	County	Latit.	Longit.	min.	sec.	London
Sandwich	Kent	51 18	1 17	5	8	Before
Saxmundham	Suffolk	52 20	1 35	6	20	Ditto
Scarborough	Yorkshire	54 17	0 2	0	8	After
Seaford	Sussex	50 43	0 10	0	40	Before
Sechy	Norfolk	52 43	0 37	2	28	Ditto
Sedborg	Yorkshire	54 15	2 20	9	20	After
Selby	Yorkshire	53 48	0 53	3	32	Ditto
Settle	Yorkshire	53 59	2 7	8	28	Ditto
Sezenoke	Kent	51 16	0 11	0	44	Before
Sheales	Durham	51 1	1 1	4	4	After
Shepwash	Devonshir.	50 53	4 23	17	32	Ditto
Sheffield	Yorkshire	53 25	1 20	5	20	Ditto
Shefford	Bedfords.	52 1	0 25	1	40	Ditto
Shelfal	Shropshire	52 40	2 25	9	40	Ditto
Sheptonmaller	Somersetf.	50 14	2 40	10	40	Ditto
Sherborn	Dorsetshir.	50 57	2 36	10	24	Ditto
Sherborn	Yorkshire	54 12	0 3	0	12	Ditto
Shernefs	Kent	51 25	0 52	3	28	Before
Shaftsbury	Dorsetshi.	51 5	2 18	9	12	After
Shiptow	Worcester.	53 5	2 2	8	8	Ditto
Shorham	Sussex	50 52	0 12	0	48	Ditto
Shrewsbury	Shropshire	52 42	2 45	11	0	Ditto
Sidmouth	Devonshi.	50 40	3 25	13	40	Ditto
Sittingborn	Kent	51 19	0 50	3	20	Before
Slipton	Yorkshire	53 56	1 41	6	44	After
Sleaford	Lincolnshi.	52 59	0 22	1	28	Ditto
Snathe	Yorkshire	53 43	0 50	3	20	Ditto
Snettham	Norfolk	52 54	0 45	3	0	Before
Sneton	Yorkshirs	54 25	1 11	4	44	After
Sodbury	Glocesters.	51 33	2 27	9	48	Ditto
Soham	Cambridg.	52 20	0 20	1	20	Ditto
Somerton	Somersetf.	51 6	2 51	11	24	After
Southam	Warwick.	52 15	1 25	5	40	Ditto
Southampton	Hampshire	50 53	1 30	6	0	Ditto
South Moulton	Devonshi.	51 5	3 55	15	40	Ditto
South Petherton	Somersetf.	50 47	2 45	11	0	Ditto
Southwark	Surry	51 30	0 0	0	0	0
Southwell	Nottingh.	53 5	0 55	3	40	Ditto
Southwold	Suffolk	52 27	1 52	7	28	Before
Spalding	Lincolnshi.	52 45	0 0	0	0	0
Spilby	Lincolnshi.	53 11	0 13	0	52	Before
Spithead	Hampshire	50 48	1 25	5	40	After
Spurn Head	Yorkshire	53 46	0 28	1	52	Before
Stafford	Staffords.	52 45	2 7	8	28	After
Stalbridge	Dorsetf.	50 58	2 28	9	52	Ditto
Standon	Hertfordf.	51 53	0 0	0	0	0
Stains	Middlesex	51 25	0 30	2	0	After
Stamford	Lincolnf.	52 40	0 16	1	4	Ditto
Stanhope	Durham	54 26	1 40	6	40	Ditto
						Stanle

	County	Latit.	Longit.	min.	sec.	London
Stanley	Glocesters.	51 52	1 20	5	20	After
Stainton	Lincolnshi.	53 25	0 3	0	12	Ditto
Stenington	Northumb.	55 10	1 15	5	0	Ditto
Start Point	Devonshir.	50 10	4 5	16	20	Ditto
Steyring	Suffex	50 55	0 13	0	52	Ditto
Stevenidge	Hertsfords.	51 53	0 10	0	40	Ditto
Stockbridge	Hampf.	51 10	1 32	6	8	Ditto
Stockport	Cheshire	53 25	2 1	8	4	Ditto
Stockton	Durham	54 34	1 1	4	4	Ditto
Stokegomer	Somersetf.	51 10	3 20	13	20	Ditto
Stokeley	Yorkshire	54 27	0 53	3	32	Ditto
Stone	Staffordf.	52 55	2 9	8	36	Ditto
Stony Stratford	Buckingh.	52 2	0 53	3	32	Ditto
Stortford	Hertsfords.	51 52	0 9	0	36	Before
Stow	Glocesters.	51 54	0 44	2	56	After
Stowmarket	Suffolk	52 15	1 3	4	12	Before
Stowey	Somersetf.	51 15	3 14	12	56	After
Stratford	Warwick.	52 13	1 45	7	0	Ditto
Stratton	Cornwal	50 36	4 41	13	44	Ditto
Stroud	Glocesters.	51 43	2 14	8	56	Ditto
Sturbridge	Worcester.	52 31	2 10	8	40	Ditto
Stroud	Kent	51 22	0 31	2	4	Before
Sturbridge	Cambridg.	52 13	0 6	0	24	Ditto
Sturminster	Dorsetf.	50 57	2 23	9	32	After
Sudbury	Suffolk	52 5	0 48	3	12	Before
Sunderland	Durham	54 55	1 2	4	8	After
Sutton Cofield	Warwick.	52 35	1 48	7	12	Ditto
Sutton	Cambridg.	52 20	0 8	0	32	Before
Swafham	Norfolk	52 41	0 50	3	20	Ditto
Swanley	Glamorg.	51 40	4 00	16	00	After
Swindon	Wiltf.	51 31	1 43	6	52	Ditto
Sworkston	Derbyshire	52 52	1 25	5	40	Ditto

T

Tadcaster	Yorkshire	53 53	1 5	4	20	Ditto
Talke	Staffordf.	53 4	2 10	8	40	Ditto
Tame	Oxfordf.	51 45	1 0	4	0	Ditto
Tamworth	Staffordf.	52 36	0 40	2	40	Ditto
Tattershall	Lincolnshi.	53 6	0 0	0	0	0
Tavestock	Devonshi.	50 36	4 22	17	28	Ditto
Taunton	Somersetf.	51 5	3 10	12	40	Ditto
Tenbury	Worcester.	52 17	2 35	10	20	Ditto
Tenby	Pembroke.	51 43	4 42	18	48	Ditto
Tenderden	Kent	51 8	0 45	3	0	Before
Terring	Suffex	50 51	0 40	2	40	Ditto
Tetbury	Glocesters	50 35	0 13	0	52	After
Tewksbury	Glocesters	51 50	2 10	8	40	Ditto
Thaxted	Essex	51 58	0 20	1	20	Before

D

Thet-

	County	Latit.	Longit.	min.	sec.	London
Thetford	Norfolk	52 27	0 55	3	40	Before
Thorn	Yorkshire	53 40	0 41	2	44	After
Thornbury	Glocesters	51 35	2 35	10	20	Ditto
Thrapston	Northam.	52 20	0 35	2	20	Ditto
Thriske	Yorkshire	54 11	1 11	4	44	Ditto
Tickhill	Yorkshire	53 27	1 00	4	0	Ditto
Tideswell	Derbyshire	53 16	1 41	6	44	Ditto
Tinmouth	Northumb.	55 3	1 2	4	8	Ditto
Tiverton	Devons.	53 55	3 40	14	40	Ditto
Topham	Devonsbi.	50 41	3 40	14	40	Ditto
Torrington	Devons.	51 1	4 14	16	56	Ditto
Torbay	Devons.	50 27	3 53	15	32	Ditto
Totness	Devonsbi.	50 25	4 0	16	0	Ditto
Towcester	Northamp.	52 5	1 2	4	8	Ditto
Tregoron	Cardigan.	51 15	4 0	16	0	Ditto
Tregony	Cornwal	50 16	5 25	21	40	Ditto
Tring	Hertfords.	51 47	0 40	2	40	Ditto
Trowbridge	Wilt.	51 21	0 15	1	0	Ditto
Truro	Cornwal	50 10	5 33	22	12	Ditto
Tunbridge	Kent	51 12	0 17	1	8	Before
Tutbury	Staffords.	52 50	0 40	2	40	After
Tuxford	Nottingb.	53 16	0 4	0	16	Ditto

U

U Lverston	Lancas.	54 8	3 1	12	4	Ditto
Uppingham	Rutlands	52 33	0 45	3	0	Ditto
Upton	Worcester.	52 5	2 12	8	48	Ditto
Uske	Monmout.	51 43	2 57	11	48	Ditto
Utocester	Staffords.	52 54	1 50	7	20	Ditto
Uxbridge	Middlesex	51 34	0 28	1	52	Ditto

W

W Ainfleet	Lincolns.	53 9	0 32	2	8	Before
Wakefield	Yorkshire	53 43	1 20	5	20	After
Walden	Essex	52 2	0 7	0	28	Ditto
Walingford	Barks.	51 32	1 10	4	20	Ditto
Walthabe	Staffords	52 37	2 0	8	0	Ditto
Waffingham	Norfolk	52 53	1 28	5	52	Before
Walsham	Norfolk	52 56	1 8	4	32	Ditto
Waltham	Essex	51 39	0 5	0	20	Ditto
Waltham	Hampshire	50 59	1 8	4	32	After
Waltham	Leicesters.	52 46	0 45	3	0	Ditto
Wantage	Barkshire	51 34	0 22	1	28	Ditto
Warbridge	Cornwal	50 34	5 13	20	52	Ditto
Ware	Hertfords.	57 45	0 0	0	0	0
Wareham	Dorsetshir.	50 44	2 15	5	0	Ditto
Warrington	Lancashire	53 24	2 33	10	12	Ditto

War.

	County	Latit.	Longit.	min	sec.	London
Warminster	Wiltshire	51 15	0 16	1	4	After
Warwick	Warwick.	52 18	0 34	2	16	Ditto
Watcher	Somerset	51 13	3 25	13	40	Ditto
Watford	Hertfords.	51 37	0 25	1	40	Ditto
Watford	Northum.	52 16	1 5	4	20	Ditto
Watlington	Oxfordshi.	51 37	1 0	4	0	Ditto
Webley	Herefords.	52 11	2 54	11	36	Ditto
Welchpole	Montgom.	52 40	3 10	12	40	Ditto
Wellingborough	Northamp.	52 16	0 42	2	48	Ditto
Wellington	Somersetf.	51 10	3 24	13	36	Ditto
Wellington	Shropshire	52 42	2 30	10	0	Ditto
Wells	Somersetf.	51 15	2 45	11	0	Ditto
Welwin	Hertfords.	51 45	0 14	0	56	Ditto
Wem	Shropshire	51 45	0 55	3	40	Ditto
Wendover	Buckingb.	51 44	0 45	3	0	Ditto
Wenlock	Shropshire	52 37	2 34	10	16	Ditto
Westbury	Wiltf.	51 17	2 15	9	0	Ditto
Westminster	Middlesex	51 31	0 4	0	16	Before
Westram	Kent	51 16	0 4	0	16	After
Wetherby	Yorkshire	53 56	1 13	4	52	Ditto
Weymouth	Dorsetf.	50 37	2 31	10	4	Ditto
Whitby	Yorkf.	54 29	0 15	1	0	Ditto
Whitchurch	Hampshire	51 16	1 24	5	36	Ditto
White Haven	Cumberla.	54 33	3 15	13	0	Ditto
Whitchurch	Shrops.	52 57	2 45	11	0	Ditto
Whitewell	Yorkshire	54 8	0 40	2	40	Ditto
Wicomb	Buckingb.	51 37	0 40	2	40	Ditto
Wickham	Suffolk	52 17	1 27	5	48	Before
Wickware	Glocesterf.	51 35	2 28	9	52	After
Wiggan	Lancashir.	53 34	2 34	10	16	Ditto
Wighton	Yorkshire	53 33	0 30	2	0	Ditto
Wigton	Cumberla.	54 40	2 50	11	20	Ditto
Wilton	Wiltf.	51 10	1 58	7	52	Ditto
Winborn	Dorsetshi.	50 50	2 5	8	20	Ditto
Wincanton	Somersetf.	51 7	2 30	10	0	Ditto
Winchcomb	Glocesterf.	51 57	1 58	7	52	Ditto
Winchelsea	Suffex	50 57	0 50	3	20	Before
Winchester	Hampshire	51 7	0 25	1	40	After
Windham	Norfolk	52 37	1 15	5	0	Before
Windsor	Barkshire	51 27	0 20	1	20	After
Winslow	Bucks	51 55	0 50	3	20	Ditto
Winster	Derbyshire	53 9	0 33	2	12	Ditto
Winterton	Norfolk	52 50	1 50	7	20	Before
Worksworth	Derbyshire	53 5	1 30	6	0	After
Witch	Cambridg.	52 39	0 15	1	0	Before
Wiston	Pembroks.	51 51	4 50	19	20	After
Witham	Essex	51 50	0 43	2	52	Before
Witney	Oxfordf.	54 45	1 25	5	40	After
Wivelscomb	Somersetf.	51 4	3 30	14	0	Ditto

	County	Latit.	Longit.	min.	sec.	London
Woburn	Bedfordsh.	51 58	0 39	2	36	After
Wotton	Norfolk	52 35	1 0	4	0	Before
Woltingham	Durham	54 45	1 30	6	0	After
Wolverhampton	Staffordsh.	52 38	2 10	8	40	Ditto
Woodbridge	Suffolk	52 12	1 25	5	40	Before
Woodstock	Oxfordsh.	51 50	1 20	5	20	After
Wolwich	Kent.	51 28	0 8	0	32	Before
Wombwell	Yorkshire	53 32	1 15	5	0	After
Worcester	Worcester.	52 13	0 12	0	48	Ditto
Workshop	Nottingb.	53 14	1 5	4	20	Ditto
Wotton	Gloucesters.	51 37	2 23	9	32	Ditto
Wotton Bassett	Wiltshire	51 32	1 57	7	48	Ditto
Wrexham	Denbigh.	53 2	3 2	12	8	Ditto
Wrinton	Somerset.	51 22	2 19	9	16	Ditto
Wrotham	Kent.	51 18	0 10	0	40	Before
Wursted	Norfolk	52 50	1 20	5	20	Ditto
Wuller	Northumb.	55 34	1 55	7	40	After
Wye	Kent	51 11	1 0	4	0	Before

Y
Y Armouth
 Yarmouth
 Yarum
 Yaxley
 Yeovil
 York

Hampshire	50 44	1 37	6	28	Ditto
Norfolk	52 41	1 55	7	40	Ditto
Yorkshire	54 23	1 3	4	12	After
Hunting.	52 30	0 15	1	0	Ditto
Somerset.	50 56	2 45	11	0	Ditto
Yorkshire	53 20	0 48	3	12	Ditto

SCOTLAND.

N EW Abbey	54 51	3 29	13	56	After
New Aberdeen	57 5	1 46	7	4	Ditto
Old Aberdeen	57 7	1 44	6	56	Ditto
Aimouth	55 50	1 50	7	20	Ditto
Anstruther	56 12	2 23	9	32	Ditto
Air	55 20	4 38	18	32	Ditto
Abernthy	56 22	3 4	12	16	Ditto
St. Andrews	56 19	2 30	10	0	Ditto
Annam	54 51	2 58	11	52	Ditto
B algeny	55 15	4 47	19	8	Ditto
Banchoir	57 3	1 50	7	20	Ditto
Bamf	57 38	2 5	8	20	Ditto
Barlsee	54 44	3 59	15	56	Ditto
Barborough	54 47	3 45	13	0	Ditto
Bampton	54 53	3 40	14	40	Ditto

Ba-

	Latit.	Longit.	min.	sec.	London
Barubaga	56 00	3 10	12	40	After
Balconry	56 16	2 20	9	20	Ditto
Barry	56 30	2 34	10	16	Ditto
Barwick upon Tweed	55 45	1 48	7	12	Ditto
Beawick	56 3	2 30	10	0	Ditto
Berry	56 46	2 3	8	12	Ditto
Berry dail	58 32	3 3	12	12	Ditto
Belford	55 35	1 44	6	56	Ditto
Bedcast	56 33	2 10	8	40	Ditto
Belhebus	57 16	1 42	6	48	Ditto
Blair	56 55	3 35	14	20	Ditto
Blackshaw	54 48	3 5	12	20	Ditto
Blackchester	55 23	2 15	9	0	Ditto
Bogofgicht	57 39	2 24	9	36	Ditto
Brechin	56 39	2 22	9	28	Ditto
Brola	58 15	3 35	14	20	Ditto
Byres	55 52	1 51	7	24	Ditto
C					
Castle Town	55 7	2 23	9	32	Ditto
Castle Town	57 2	2 54	11	36	Ditto
Cartail	56 14	2 21	9	24	Ditto
Carlawrock	54 50	3 21	13	24	Ditto
Chadrie	57 43	3 46	15	4	Ditto
Clyn	58 20	3 36	14	24	Ditto
Coldingham	55 54	1 52	7	28	Ditto
Cowper	56 19	2 48	11	12	Ditto
Coupen	56 36	2 57	11	48	Ditto
Cranferd	55 29	3 33	14	12	Ditto
Cranth	55 41	3 43	14	52	Ditto
Crenelow	55 46	2 15	9	0	Ditto
Cromartie	57 48	3 48	15	12	Ditto
Cubrofs	56 7	3 36	14	24	Ditto
Cullen	57 41	2 14	8	56	Ditto
D					
Dunfieso	54 54	3 26	13	44	Ditto
Dunbard	55 57	4 32	18	8	Ditto
Duns	55 47	2 10	8	40	Ditto
Dunbar	55 58	2 13	8	52	Ditto
Duglas	55 55	2 8	8	38	Ditto
Dumferling	56 6	3 20	13	20	Ditto
Dumblain	56 14	3 48	15	12	Ditto
Dunstaffog	56 37	5 40	22	40	Ditto
Dundee	56 30	3 15	13	0	Ditto
Dunkeld	56 37	3 15	13	0	Ditto
Dunsby	59 5	2 52	11	28	Ditto
Dingwell	57 48	4 14	16	56	Ditto
Dornock	58 4	3 47	15	8	Ditto
Dysart	56 9	2 50	11	20	Ditto



	Latit.	Longit.	min. sec.			London
E						After
St. Ebbeshead	55 55	1 58	7	52		Ditto
Edredo	58 58	1 18	5	12		Ditto
Edinburgh]	55 57	3 00	12	0		Ditto
Eglin	57 38	2 42	10	48		Ditto
F						
Fairgirth	54 47	3 39	14	36		Ditto
Ferry	55 59	3 15	13	0		Ditto
Forres	57 41	3 8	12	32		Ditto
Forfar	56 37	2 34	10	16		Ditto
Frazerburgh	57 37	1 33	6	12		Ditto
G						
Glasgow	56 20	4 18	17	12		Ditto
Glistoun	54 48	3 30	14	0		Ditto
Gill	54 51	3 6	12	24		Ditto
H						
Hamilton	55 45	3 54	15	36		Ditto
Hermitage	55 12	2 44	10	56		Ditto
Heglishlock Eu	58 6	5 2	20	8		Ditto
Hiltown	55 56	1 54	7	36		Ditto
Hillbarren	56 3	5 41	22	44		Ditto
I						
Jedborough	52 26	2 20	9	20		Ditto
Innerkerthing	56 4	3 9	12	36		Ditto
Innerurice	57 10	2 9	8	36		Ditto
Inverness	57 32	3 56	15	44		Ditto
Innerera	56 26	4 57	19	48		Ditto
Inwin	55 37	4 41	18	44		Ditto
Imnertocky	56 56	5 13	20	52		Ditto
Irnernavern	59 00	4 15	17	0		Ditto
K						
Kentore	57 8	1 58	7	52		Ditto
Kircubright	54 44	4 12	16	48		Ditto
Kirkstoen	55 47	4 18	17	12		Ditto
Kingorn	56 11	3 3	12	12		Ditto
Kircalday	56 7	3 0	12	0		Ditto
Kirfop	54 58	2 30	10	0		Ditto
Kelley	55 30	2 54	11	36		Ditto
L						
Laudon	55 40	2 34	10	16		Ditto
Lanark	55 39	3 37	14	28		Ditto
Lamerton	55 48	1 48	7	12		Ditto
Learmouth	55 36	2 4	8	16		Ditto
Leeth	54 58	3 4	12	16		Ditto
Linlinth Gow)	55 60	3 29	13	56		Ditto
Loth	58 24	3 23	13	32		Ditto
Longtow	53 6	2 22	9	28		Ditto
M						
Montbowick	57 00	1 51	7	24		Ditto

	Latit.	Longit.	min. sec.		London
Montrose	56 46	2 12	8	48	After
Morpheth	55 24	1 15	5	0	Ditto
N					
Nairne	57 41	3 26	13	44	Ditto
Nesshead	58 56	2 41	10	44	Ditto
O					
Orchartown	54 46	3 33	14	12	Ditto
Ordhead	58 27	3 9	12	36	Ditto
P					
Palley	55 50	4 19	17	16	Ditto
Peterhead	57 28	1 22	5	28	Ditto
Pebles	55 34	3 3	12	12	Ditto
Pettenween	56 11	2 26	9	44	Ditto
Perth	56 25	3 12	12	48	Ditto
Portpartwick	54 49	5 24	21	36	Ditto
R					
Raffan	57 41	2 20	9	20	Ditto
Redhead	56 31	2 12	8	48	Ditto
Ruthvan	57 13	3 55	15	40	Ditto
Ruglan	55 47	4 8	16	32	Ditto
S					
Stranrazev	54 55	5 20	21	20	Ditto
Sandwich	57 54	3 37	14	28	Ditto
Selkirk	55 30	2 13	8	52	Ditto
Sterling	56 10	3 49	15	16	Ditto
Struthbogue	57 22	2 27	9	48	Ditto
Songhen	55 15	2 25	9	40	Ditto
T					
Thurlstain	55 39	2 32	10	8	Ditto
Tillmouth	55 40	2 8	8	32	Ditto
Tain	57 57	3 45	15	0	Ditto
W					
Whitehorn	54 52	4 46	19	4	Ditto
Wigtown	54 52	4 44	18	56	Ditto
Wick	58 47	2 44	10	56	Ditto
Walefy'd	52 22	2 18	9	12	Ditto
Waller	55 32	1 54	7	36	Ditto

I R E L A N D.

A BBE Boyle	53 56	8 20	33 20	Ditto
Abely	52 48	7 25	29 40	Ditto
Abington	52 32	8 35	34 20	Ditto
Agar	54 27	7 24	29 36	Ditto

	Latit.	Longit.	min. sec.		London
Aghadeo	51 55	9 36	38	24	After
Antrem	54 47	6 28	25	44	Ditto
Armagh	54 22	6 52	27	28	Ditto
Ardfart	52 11	9 40	38	40	Ditto
Athertee	53 47	6 43	26	52	Ditto
Athlone	53 23	8 4	32	16	Ditto
Athy	52 59	7 5	28	20	Ditto
B					
Balnamlit	52 8	7 38	30	32	Ditto
Ballingree	52 17	9 42	38	48	Ditto
Ballynekill	52 52	7 21	29	24	Ditto
Ballinot	52 2	8 42	38	48	Ditto
Ballymenagh	54 54	6 34	26	16	Ditto
Ballinroad	53 32	9 21	37	24	Ditto
Balagtry	53 54	8 56	35	44	Ditto
Belany	54 7	6 55	27	40	Ditto
Bandon	51 38	8 42	34	48	Ditto
Bantree	51 31	9 20	37	20	Ditto
Bannoe	52 11	6 42	26	48	Ditto
Banigill	53 8	8 2	32	8	Ditto
Bargee	52 14	6 40	26	40	Ditto
Bemuny	55 5	6 5	24	20	Ditto
Boltemore	51 18	9 13	36	52	Ditto
Bollenglas	52 55	6 44	26	56	Ditto
Bolly Shanon	54 27	8 24	33	36	Ditto
Bloghand	53 2	7 57	31	48	Ditto
Bleffington	52 8	6 35	26	20	Ditto
Bruth	52 2	6 46	27	4	Ditto
Brocksborough	14 20	7 30	30	0	Ditto
C					
Castle Head	51 16	9 34	38	16	Ditto
Castle	52 37	7 53	31	32	Ditto
Castle Ray	54 34	6 17	25	8	Ditto
Callin	52 29	7 14	28	56	Ditto
Cariefergus	54 47	6 5	24	20	Ditto
Callidon	54 22	7 4	28	16	Ditto
Cavan	54 00	7 31	30	4	Ditto
Clarmount	54 28	6 53	27	32	Ditto
Clabby	54 23	7 32	30	8	Ditto
Caterquin	52 3	7 48	31	12	Ditto
Catherlagh	52 47	6 56	27	44	Ditto
Clonekelly	51 29	8 43	34	52	Ditto
Cloyn	51 46	8 00	32	0	Ditto
Clomolin	52 35	6 36	26	24	Ditto
Clonelty	52 38	7 53	31	32	Ditto
Clogger	54 25	7 25	29	40	Ditto
Collenne	55 8	6 58	27	52	Ditto
Chichester	54 48	5 58	23	52	Ditto
Cherleville	52 15	8 31	34	4	Ditto

			Latit.	Longit.	min.	sec.	London
Conner			54	51	6	36	26 24
Conlmel			52	18	7	37	30 28
Concert			53	11	8	11	32 44
Collerine			55	8	6	58	27 52
Coromera			53	59	7	12	28 48
Cork			51	45	8	28	33 52
Crookstown			51	42	8	50	35 20
Cumber			54	36	5	58	23 52
D							
Dangarboon			52	1	7	31	30 4
Dingle			51	59	10	14	40 56
Drogheda			53	43	6	31	26 4
Drumcalloger			53	14	8	51	35 24
Drumore			54	29	6	23	25 32
Dunmadoway			51	34	8	59	35 56
Dunareale			52	6	8	37	34 28
Durrough			55	49	7	24	29 36
Dublin			53	16	6	28	25 52
Dunmore			53	21	8	54	35 36
Dundalk			54	3	6	35	26 20
Dunagall			54	37	8	17	33 8
Duganoo			54	32	27	00	28 0
E							
Eden Derry			53	20	7	12	28 48
Elpkjn			53	47	8	21	33 24
Ennisleague			52	26	7	3	28 12
Enniscurphy			52	38	6	33	26 12
F							
Farnes			52	34	6	31	26 4
Freshfold			52	42	7	25	29 40
Fethard			52	25	7	39	30 36
Fermel			52	3	8	13	32 52
Foxford			53	55	9	18	37 12
G							
Galway			53	12	7	51	31 24
Gaurim			52	47	7	4	28 16
Glandelagh			52	58	7	26	29 44
Glascongh			54	21	7	6	28 24
Gory			52	39	6	23	25 32
Guillinbrook			54	6	7	46	31 4
H							
Hacketstown			52	58	6	3	24 12
Hambleton			54	14	8	24	33 36
Hartlow Rock			52	45	6	16	25 4
Hartlow			52	50	6	26	25 44
Haughtherrae			53	13	8	52	35 28
Hillsborough			54	31	6	19	25 16
Helarney			51	53	8	43	34 52
Hospital			52	23	8	37	34 28
E							

no. 1	Latit.	Longit.	min. sec.	London
St. John's Town	54 55	7 43	30 52	After
Karrick	53 52	8 17	33 58	Ditto
Kelrarny	51 33	8 43	34 2	Ditto
Kensal	51 34	8 31	34 4	Ditto
Kelnenoy	53 00	17 23	29 32	Ditto
Kelkenney	52 37	17 15	29 0	Ditto
Kilmaly	52 5	9 14	36 56	Ditto
Kilworth	52 4	8 22	32 48	Ditto
Kilmack Thomas	52 07	8 24	29 36	Ditto
Kilmelock	52 17	8 37	34 28	Ditto
Kilmeedy	52 18	17 47	31 8	Ditto
Killynalt	52 30	17 36	30 24	Ditto
Kilnor	52 35	16 28	25 52	Ditto
Kilnelaugh	52 55	8 10	32 40	Ditto
Killeigh	53 12	17 30	31 20	Ditto
Kildare	53 8	17 23	28 12	Ditto
Kilbegony	53 21	17 40	30 40	Ditto
Killaney	54 7	8 42	34 48	Ditto
Kille	54 27	5 53	23 32	Ditto
Kilrea	54 37	6 50	27 20	Ditto
L				
Lemerie	52 36	8 34	34 16	Ditto
Legefore	54 22	6 46	27 4	Ditto
Letterkenny	54 55	8 00	32 0	Ditto
Lizmore	54 4	7 53	31 32	Ditto
Lisnakea	54 16	1 37	6 28	Ditto
Lifford	54 49	7 45	31 0	Ditto
Loughra	53 7	8 40	34 40	Ditto
Longwood	53 26	7 5	28 20	Ditto
Longford	53 42	7 58	31 52	Ditto
Louch	54 00	7 31	30 4	Ditto
Loughbrickland	54 22	6 33	26 12	Ditto
Lurgeon	54 32	6 35	26 20	Ditto
London Derry	54 37	6 37	26 28	Ditto
M				
Martin	51 19	7 5	28 20	Ditto
Malow	52 2	7 31	30 4	Ditto
Maaf	53 12	6 49	27 16	Ditto
Mary Barrough	52 58	7 32	30 8	Ditto
Market Hind	54 21	6 42	26 48	Ditto
Materafalt	54 46	6 55	27 40	Ditto
Magtera	54 31	6 58	27 52	Ditto
Melenhead	51 14	9 34	38 16	Ditto
Middletown	53 48	8 5	32 20	Ditto
Mountmelik	53 06	17 26	29 44	Ditto
Mongranoy	53 22	17 48	31 12	Ditto
Moyer	53 31	17 45	31 0	Ditto

ADVERTISEMENT

	Latit.	Longit.	min.	sec.	London
Moyra	54 32	6 27	25	48	After
Mullingar	53 30	7 29	29	56	Ditto
Manimore	54 42	6 55	27	40	Ditto
N					
Navon	53 39	6 50	27	20	Ditto
Newmarket	52 4	8 55	35	40	Ditto
Nemay	52 48	6 14	24	56	Ditto
Newcastle	53 18	6 38	26	32	Ditto
B Neghgola	53 16	9 36	38	24	Ditto
O					
Old Leighton	52 41	7 3	28	12	Ditto
Omagh	54 36	7 23	29	32	Ditto
P					
Port Umney	53 3	8 17	33	8	Ditto
Port Tarbington	53 10	7 20	29	20	Ditto
R					
Rathcomuck	54 58	8 15	33	0	Ditto
Racon	53 28	7 47	31	8	Ditto
Randels	54 48	7 34	30	16	Ditto
Ralphs	54 52	7 50	31	20	Ditto
Rowse	51 26	8 52	35	28	Ditto
Rose Berconet	52 22	6 54	27	36	Ditto
Rotdrew	52 43	6 23	25	32	Ditto
Rotworth	53 30	6 35	26	20	Ditto
Roscommon	53 33	8 24	33	36	Ditto
S					
Stradboughley	53 00	7 14	28	56	Ditto
Stradon	54 00	7 22	29	28	Ditto
Strablin	54 48	7 24	29	36	Ditto
Sleigs	54 14	8 40	34	40	Ditto
Skinrowe	52 56	7 56	31	44	Ditto
Stewart Hall	54 37	6 54	27	36	Ditto
T					
Tallow	51 8	7 56	31	44	Ditto
Taghmon	52 48	6 35	26	30	Ditto
Tanniggee	54 22	6 38	26	32	Ditto
Tipperary	52 23	8 8	32	32	Ditto
Tinnatrully	52 44	6 31	26	4	Ditto
Thomas Town	52 29	7 7	28	28	Ditto
Trawley	52 7	7 28	29	52	Ditto
Tulla	52 45	6 44	26	56	Ditto
Thuckles	52 38	7 46	31	4	Ditto
Tortafery	54 26	6 43	26	32	Ditto
W					
Waterford	52 13	7 6	28	24	Ditto
Wexford	52 19	6 38	30	32	Ditto
Wicklow	52 57	6 10	24	40	Ditto
Wrathloeny	52 09	7 23	29	32	Ditto

FINIS.

ADVERTISEMENT.



Notwithstanding the afore-
 said Invention, the Author pur-
 poses to continue it a Part of his
 Business to deal as heretofore in
 Second-hand Watches; of which
 for the general Part he has a great
 Variety by him, none of which
 are ever expos'd to Sale till they
 are first repair'd in such a Manner as that he will main-
 tain them free of all manner of Expence (all Accidents
 excepted) for the two first Years after the Purchase and
 for a small Consideration a Number of Years propor-
 tionable, to the Goodness of the Work, and all those Gen-
 tlemen who will favour him with their Watches to re-
 pair, may depend after the first thorough Repair, to
 have them maintain'd on the Conditions above.

He also makes a great Variety of New Watches of
 all Prices, in Gold, Silver and Pinchbeck's Metal for
 Exportation, and at the Return from any Voyage, all
 those which fail in the Performance shall be exchange'd
 for new ones, or at any Time within three Years after
 the Purchase.

N.B. He has also invented a curious and useful Ma-
 chine, to answer all the necessary Ends of a Qua-
 drant fitted for the Pocket, in a Shagreen Case, it
 works upon the same Principles as a Watch with
 the Seconds in the Centre, that so soon as the Ob-
 servation be taken, by touching the Locking Piece
 the Hands remain fixt, pointing out the exact Altitude;
 together with the Distance from the Zenith
 Point, to which he has added a useful and necessary
 Table, by which the Day of the Month being given
 is immediately discovered, what Sign of the Hea-
 vens the Sun is in, how many Degrees in that Sign
 how far from the Equator, and whether to the North
 or South Declension.

